

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. **MTS-3449US**

First Inventor **K ji Takinami et al.**

Title **OSCILLATOR, PLL CIRCUIT, COMMUNICATION
EQUIPMENT, AND OSCILLATING METHOD**

Express Mail Label No. **EV 331 707 640 US**

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages **51**]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table,
or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **18**]
5. Oath or Declaration [Total Pages **2**]
 - a. ☐ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
 - c. ☒ Unexecuted Declaration
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Commissioner of Patents
Mail Stop Patent Application
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure ☒ Copies of IDS
Statement (IDS)/PTO-1449 Citations (3)
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☒ Other: **CERTIFICATE OF EXPRESS MAIL**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)
Prior application information Examiner _____

of prior application No: _____ / _____
Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

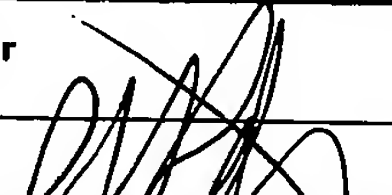
19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label
23122

(Insert Customer No. or attach bar code label here)

or ☒ Correspondence address below

Name	Allan Ratner				
Address	SUITE 301, ONE WESTLAKES, BERWYN P.O. BOX 980				
City	VALLEY FORGE	State	PA	Zip Code	19482-0980
Country	USA	Telephone	(610) 407-0700	Fax	(610) 407-0701

Name (Print/Type)	Allan Ratner	Registration No. (Attorney/Agent)	19,717
Signature		Date	July 15, 2003

Burden Hour Statement: This form is estimated to take 12 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of
time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES
OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, Mail Stop Patent Application, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,030.00

Complete if Known

Application Number To Be Assigned

Filing Date July 15, 2003

First Named Inventor Koji Takinami et al.

Examiner Name To Be Assigned

Art Unit To Be Assigned

Attorney Docket No. MTS-3449US

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number

18-0350

Deposit
Account
Name

RatnerPrestia

The Commissioner is authorized to: (check all that apply)

- ☐ Charge fee(s) indicated below
☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	2001	750	375			Utility filing fee	\$ 750.
1002	2002	330	165			Design filing fee	
1003	2003	520	260			Plant filing fee	
1004	2004	750	375			Reissue filing fee	
1005	2005	160	80			Provisional filing fee	

SUBTOTAL (1)

(\$ 750.)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

			Extra Claims		Fee from below		Fee Paid
Total Claims	18	-20**	= 0	X	18.	=	0
Independent Claims	3	-3**	= 0	X	84.	=	0
Multiple Dependent				X	280.	=	280.

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	2202	18	9			Claims in excess of 20
1201	2201	84	42			Independent claims in excess of 3
1203	2203	280	140			Multiple dependent claim, if not paid
1204	2204	84	42			** Reissue independent claims over original patent
1205	2205	18	9			** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 1,030.00.

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	2051	130	65			Surcharge - late filing fee or oath	
1052	2052	50	25			Surcharge - late provisional filing fee or cover sheet.	
1053	1053	130	130			Non-English specification	
1812	1812	2,520	2,520			For filing a request for ex parte reexamination	
1804	1804	920*	920*			Requesting publication of SIR prior to Examiner action	
1805	1805	1,840*	1,840*			Requesting publication of SIR after Examiner action	
1251	2251	110	55			Extension for reply within first month	
1252	2252	410	205			Extension for reply within second month	
1253	2253	930	465			Extension for reply within third month	
1254	2254	1,450	725			Extension for reply within fourth month	
1255	2255	1,970	985			Extension for reply within fifth month	
1401	2401	320	160			Notice of Appeal	
1402	2402	320	160			Filing a brief in support of an appeal	
1403	2403	280	140			Request for oral hearing	
1451	1451	1,510	1,510			Petition to institute a public use proceeding	
1452	2452	110	55			Petition to revive - unavoidable	
1453	2453	1,300	650			Petition to revive - unintentional	
1501	2501	1,300	650			Utility issue fee (or reissue)	
1502	2502	470	235			Design issue fee	
1503	2503	630	315			Plant issue fee	
1460	1460	130	130			Petitions to the Commissioner	
1807	1807	50	50			Processing fee under 37 CFR 1.17(q)	
1806	1806	180	180			Submission of Information Disclosure Stmt	
8021	8021	40	40			Recording each patent assignment per property (times number of properties)	
1809	2809	750	375			Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	2810	750	375			For each additional invention to be examined (37 CFR § 1.129(b))	
1801	2801	750	375			Request for Continued Examination (RCE)	
1802	1802	900	900			Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 0

SUBMITTED BY

Name (Print/Type)	Allan Ratner	Registration No. Attorney/Agent	19,717	Telephone	(610) 407-0700
Signature				Date	July 15, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the United States Patent and Trademark Office to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)			D cket N .
Applicant(s): K ji Takinami et al.			MTS-3449US
Serial N . TO BE ASSIGNED	Filing Date HEREWITH	Examiner TO BE ASSIGNED	Gr up Art Unit TO BE ASSIGNED

Invention:

OSCILLATOR, PLL CIRCUIT, COMMUNICATION EQUIPMENT, AND OSCILLATING METHOD

I hereby certify that this **UTILITY TRANSMITTAL FORM WITH INDICATED ENCLOSURES** is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner of Patents, Alexandria, VA 22313 on: **July 15, 2003.**

KATHLEEN LIBBY

(Typed Or Printed Name o Person Mailing Correspondence)


(Signature of Person Mailing Correspondence)

EV 331 707 640 US

("Express Mail" Mailing Label Number)

Note: Each paper must have its own certificate of mailing.